

Monday, 11 November

13:00–13:20	Registration	
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13:25–13:30	Rene Hudec	Opening workshop
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Session chair: Vadim Burwitz

13:30–14:00	OPT	William Zhang	Next generation x-ray optics for astrophysics: high resolution, light weight, and low cost
14:00–14:30	OPT	Nicolas Barrière	The X-ray Optics for the NewAthena observatory
14:30–15:00	OPT	Chen Zhang	The MPO optics onboard Einstein Probe mission
15:00–15:30	OPT	Yanji Yang	Development of X-ray Focusing Mirrors onboard the eXTP Mission

15:30–16:00	Open discussion over coffee	
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18:00–23:00	Welcome reception	
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Tuesday, 12 November

09:00–09:20	Registration
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Session chair: Rene Hudec

09:30–09:30	Welcome notes	
09:30–09:40	Zbyněk Škvor	Vice-Rector of the Czech Technical University in Prague
09:40–09:50	Karel Dobeš	Government commissioner for EUSPA
09:50–10:15	Václav Kobera	Ministry of Transport: Space Activities in the Czech Republic
10:15–10:35	Richard Pavlica	Czech Space Industry last projects
10:35–10:50	Rene Hudec	AXRO introduction and historical background
10:50–11:10	Coffee break	

Session chair: Nicolas Barrière

11:10–11:40	AST	Konrad Dennerl	Spectral studies of the heliospheric X-ray emission with SRG/eROSITA
11:40–12:00	AST	Martin Jelinek	Evolution of Robotic Observatory Control: Advantaced Scheduling Automated Photometry at Ondřejov Observatory
12:00–12:30	AST	Vojtech Simon	Observing the activity of X-ray sources by a combination of monitors
12:30–14:00	Lunch		

Session chair: Zhang William

14:00–14:30	AST	Lorenzo Natalucci	The AHEAD2020 program: an update
14:30–15:00	OPT	Vadim Burwitz	Final status of X-ray optics AHEAD2020 joint research activity
15:00–15:20	OPT	Rene Hudec	Czech Contribution to AHEAD2020: A Summary
15:20–15:40	Coffee break		

Session chair: Lorenzo Natalucci

15:40–16:00	OPT	Vladimír Tichý	Calculation of effective collecting are of lobster eye with respect to full point spread function
16:00–16:20	OPT	Vincenzo Cotroneo	Enhancing Soft X-ray Optics with Dopamine Overcoatings

16:20	End of day
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15th International Conference on Astronomical X-Ray Optics

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11 - 15 November 2024

Last updated on November 3, 2024 at 18:47 CET.
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Wednesday, 13 November

08:45–08:55	Registration		
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Session chair: Peter Friedrich

09:00–09:20	OPT	John Rankin	X-ray optics for accurate transient localization
09:20–09:40	OPT	Lizhi Sheng	Investigation on optical design of eXTP X-Ray focusing telescope
09:40–10:10	OPT	Randall McEntaffer	The status and future of X-ray reflection gratings in the context of upcoming UV opportunities

10:10–11:25	Poster session + Coffee break		
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Session chair: Randall McEntaffer

11:25–11:45	OPT	Gisé Fabien	Electron-beam lithography-driven development of optics for astronomical missions
11:45–12:05	OPT	Vladimír Tichý	Optical Tests of Lobster Eye X-Ray Optics Prototype for Nano-Satellite Missions Based on New Technology
12:05–12:25	OPT	Pengfei Qiang	Development of the X-ray baffle for the FXT flight spare of the EP Satellite
12:25–13:40	Lunch		

Session chair: Carlos Granja

13:40–14:05	DTF	Jaroslav Nejdí	Laser-driven X-ray Sources at ELI Beamlines: Development and Application
14:05–14:25	DTF	Weiwei Cui	The electronic design of the focal plane detector
14:25–14:45	DTF	Patrizia Barria	Calibration and data analysis of the GRASS detector module for gamma-ray emission spectroscopy

15:15–22:00	Social Event		
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Thursday, 14 November

Session chair: John Rankin

09:30–10:00	DTF	Stefano Basso	BEaTriX: current status and future prospective
10:00–10:30	DTF	Kristin Madsen	Athena mirror performance characteristics at XRCF
10:30–10:50	Coffee break		

Session chair: Lorenzo Amati

10:50–11:20	MIS	Lucia Kriváneková	First flight of the stratospheric balloon experiment ASTRABAX
11:20–11:40	MIS	Jakub Řípa	GRB-detecting nanosatellites GRBAlpha and VZLUSAT-2
11:40–12:10	MIS	Carlos Granja	X-ray field in LEO by miniaturized payload MiniPIX-Timepix3 Space onboard One Web JoeySat satellite
12:10–13:25	Lunch		

Session chair: Petre Robert

13:25–13:45	MIS	Vladimír Dániel	X-ray optics trade-off for small spacecraft
13:45–14:15	MIS	Lorenzo Amati	The Transient High-Energy Sky and Early Universe Surveyor (THESEUS)
14:15–14:45	MIS	Stephane Schanne	Status of the recently launched Gamma-Ray Burst mission SVOM
15:15–22:00	Social Event		

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Friday, 15 November

Session chair: Kristin Madsen

09:30–10:00	MIS	Yong Chen	In-orbit performance verification of EP-FXT
10:00–10:30	MIS	Chen Zhang	The status the Einstein Probe mission
10:30–11:00	MIS	Robert Petre	XRISM Performance and First Results

11:00–11:20	Open discussion over coffee		
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11:20–11:40		Vadim Burwitz	Concluding Remarks
11:40–12:00		Rene Hudec	Concluding Address

12:00	Lunch		
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12:00	End of workshop		
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